Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 18 Jan 2021 until 23:59 on Tuesday 19 Jan 2021

Forecast Issued on Monday 18 Jan 2021 at 03:46

Confidence: High confidence for an unsettled week ahead and low confidence on where the frontal rainband will be located meaning quite a lot of uncertainty for the Peak District, however indicators are for a very wet spell from late Monday to Thursday with some local flooding likely.

Headline for Monday 18 Jan 2021: A dull, damp morning for the Peak District, some brightness in the afternoon but heavier rain later.

Mountain weather hazards on Monday 18 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Cloudy	Cloudy	Sunny intervals	Light rain	Heavy Rain
Precipitation probability					
30%	20%	20%	20%	60%	70%

Forecast for Monday 18 Jan 2021

Weather: Cloudy with outbreaks of drizzle and rain continuing during the morning, perhaps falling as sleet over the highest ground. Quite a dull day with lots of low cloud around and poor visibility at times. Perhaps drier for a time in the afternoon with a few brighter spells, especially in the east, but low cloud filling in again later as a band of rain moves east in the evening.

Chance of cloud free mountain/hill tops above 600m: 30% chance in the afternoon as cloud lifts and breaks temporarily otherwise extensive low cloud associated with outbreaks of drizzle and rain.

Visibility: Mostly very poor with extensive low cloud with bases around 3-400m in the morning. Visibility improving for a time in the afternoon but becoming poor in the evening as heavy rain moves across the area. Cloud bases slightly higher in the east and a few sunny intervals are possible in the east in the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Monday 18 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/29 W	21/27 W	22/28 SW	20/27 SW	19/26 SW	22/31 SW	23/31 SW
300	17/25 SW	15/22 SW	16/23 SW	14/22 SW	13/22 S	17/26 SW	16/25 SW
Valley	11/24 W	9/21 SW	10/21 SW	9/20 SW	8/20 S	11/24 SW	10/22 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-5	1/-5	1/-5	2/-4	2/-3	4/-2	4/-1
300	4/-2	3/-2	4/-1	5/0	4/0	5/1	6/2
Valley	4/0	4/0	5/1	5/2	5/2	6/2	6/4
Freezing Level*	800m	800m	800m	800m	1200m	1500m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some strong gusts around the summits, fresh winds will give a significant wind chill effect and freezing level will lift above all summits with some thawing snowpack.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 18 Jan 2021	2.8mm	5.6mm	8.8mm

Forecast for Tuesday 19 Jan 2021

Weather: A wet and cloudy day in store as persistent rain is expected throughout the day, this will be rain or at all levels. There may be a few drier spells on peaks in the north of the Peaks depending on the exact location of the rain band however there is uncertainty around this.

Maximum wind: Mainly southwesterly 20-25mph with gusts 35-40mph, gale force gusts on the peaks at times.

Chance of cloud free mountain/hill tops above 600m: 20% or less, any clearance is more likely around northern tops.

Visibility: Generally poor or very poor with extensive low cloud from 2-300m upwards. Perhaps the bases will be 4-500m in the north. Difficult navigation is likely in persistent rain.

Temperature: **Valleys:** Around 7 Celsius.
At 600m: Plus 5 Celsius.
Freezing level: Above the summits

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